

whisrant

1634

#6½

PAGE: 1

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/872,446**

DATE: 07/31/98  
TIME: 11:46:24

### **INPUT SET: S3292.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

1 SEQUENCE LISTING

2  
3 (1) General Information:

**ENTERED**

5 (i) APPLICANT: Macevicz, Stephen C.

(ii) TITLE OF INVENTION: DNA Sequencing by Parallel Oligonucleotide Extensions

(iii) NUMBER OF SEQUENCES: 13

11  
12 (iv) CORRESPONDENCE ADDRESS:

12 (iv) CORRESPONDENCE ADDRESS:

13 (A) ADDRESSEE: Dehlinger & Associates

14 (B) STREET: 350 Cambridge Avenue, Suite 250

15 (C) CITY: Palo Alto

16 (D) STATE: CA

17 (E) COUNTRY: USA

18 (F) ZIP: 94306

20 (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

26 (V) CURRENT APPLICATION DATA  
27 (A) APPLICATION NUMBER: 08/872,446  
28 (B) FILING DATE:  
29 (C) CLASSIFICATION:

31 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/424,663  
(B) FILING DATE: 17-APR-1995

35 (viii) ATTORNEY/AGENT INFORMATION:

36 (A) NAME: Powers, Vincent M.  
37 (B) REGISTRATION NUMBER: 36,246  
38 (C) REFERENCE/DOCKET NUMBER: 5525-0015/peolus

40 (ix) TELECOMMUNICATION INFORMATION:

41 (A) TELEPHONE: (650) 324-0880  
42 (B) TELEFAX: (650) 324-0960

46 (2) INFORMATION FOR SEQ ID NO:1

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/872,446**

DATE: 07/31/98  
TIME: 11:46:26

## **INPUT SET: S3292.raw**

47       (i) SEQUENCE CHARACTERISTICS:  
48           (A) LENGTH: 37 base pairs  
49           (B) TYPE: nucleic acid  
50           (C) STRANDEDNESS: single  
51           (D) TOPOLOGY: linear  
52  
53       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
54  
55 CCTCTCCCTT CCCTCTCCTC CCTCTCCCC CTCCCTC           37  
56  
57  
58  
59       (2) INFORMATION FOR SEQ ID NO:2:  
60  
61       (i) SEQUENCE CHARACTERISTICS:  
62           (A) LENGTH: 21 base pairs  
63           (B) TYPE: nucleic acid  
64           (C) STRANDEDNESS: single  
65           (D) TOPOLOGY: linear  
66  
67       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
68  
69 GAGGAGAGGG AAGGAGAGGA G                           21  
70  
71  
72       (2) INFORMATION FOR SEQ ID NO:3:  
73  
74       (i) SEQUENCE CHARACTERISTICS:  
75           (A) LENGTH: 21 base pairs  
76           (B) TYPE: nucleic acid  
77           (C) STRANDEDNESS: single  
78           (D) TOPOLOGY: linear  
79  
80       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
81  
82 GGAGGAGAGG GAAGGAGAGG A                           21  
83  
84  
85       (2) INFORMATION FOR SEQ ID NO:4:  
86  
87       (i) SEQUENCE CHARACTERISTICS:  
88           (A) LENGTH: 21 base pairs  
89           (B) TYPE: nucleic acid  
90           (C) STRANDEDNESS: single  
91           (D) TOPOLOGY: linear  
92  
93       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
94  
95 GGGAGGAGAG GGAAGGAGAG G                           21  
96  
97  
98       (2) INFORMATION FOR SEQ ID NO:5:  
99

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/872,446**

DATE: 07/31/98  
TIME: 11:46:28

### **INPUT SET: S3292.raw**

100 (i) SEQUENCE CHARACTERISTICS:  
101 (A) LENGTH: 21 base pairs  
102 (B) TYPE: nucleic acid  
103 (C) STRANDEDNESS: single  
104 (D) TOPOLOGY: linear  
105  
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
107  
108 AGGGAGGAGA GGGAGGAGA G 21  
109  
110  
111 (2) INFORMATION FOR SEQ ID NO:6:  
112  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH: 18 base pairs  
115 (B) TYPE: nucleic acid  
116 (C) STRANDEDNESS: single  
117 (D) TOPOLOGY: linear  
118  
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
120  
121 GAGGGAGAGG GGAGAGGG 18  
122  
123  
124 (2) INFORMATION FOR SEQ ID NO:7:  
125  
126 (i) SEQUENCE CHARACTERISTICS:  
127 (A) LENGTH: 18 base pairs  
128 (B) TYPE: nucleic acid  
129 (C) STRANDEDNESS: single  
130 (D) TOPOLOGY: linear  
131  
132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
133  
134 ACCGTCTCCG GGAGCTGC 18  
135  
136  
137 (2) INFORMATION FOR SEQ ID NO:8:  
138  
139 (i) SEQUENCE CHARACTERISTICS:  
140 (A) LENGTH: 21 base pairs  
141 (B) TYPE: nucleic acid  
142 (C) STRANDEDNESS: single  
143 (D) TOPOLOGY: linear  
144  
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
146  
147 CCTCTCCCTT CCCTCTCCTC C 21  
148  
149  
150 (2) INFORMATION FOR SEQ ID NO:9:  
151  
152 (i) SEQUENCE CHARACTERISTICS:

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/872,446**DATE: 07/31/98  
TIME: 11:46:30**INPUT SET: S3292.raw**

153                   (A) LENGTH: 45 base pairs  
154                   (B) TYPE: nucleic acid  
155                   (C) STRANDEDNESS: single  
156                   (D) TOPOLOGY: linear  
157  
158                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
159  
160         CCGGGAGGGA GAGGGGAGAG GGAGGGAGAGG GAAGGGAGAG GAGCT           45  
161  
162  
163         (2) INFORMATION FOR SEQ ID NO:10:  
164  
165                 (i) SEQUENCE CHARACTERISTICS:  
166                   (A) LENGTH: 18 base pairs  
167                   (B) TYPE: nucleic acid  
168                   (C) STRANDEDNESS: single  
169                   (D) TOPOLOGY: linear  
170  
171  
172                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
173  
174         CCCTCTCCCC TCTCCCTC   18  
175  
176  
177         (2) INFORMATION FOR SEQ ID NO:11:  
178  
179                 (i) SEQUENCE CHARACTERISTICS:  
180                   (A) LENGTH: 18 base pairs  
181                   (B) TYPE: nucleic acid  
182                   (C) STRANDEDNESS: single  
183                   (D) TOPOLOGY: linear  
184  
185                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
186  
187         GCAGCTCCCG GAGACGGT   18  
188  
189  
190         (2) INFORMATION FOR SEQ ID NO:12:  
191  
192                 (i) SEQUENCE CHARACTERISTICS:  
193                   (A) LENGTH: 48 base pairs  
194                   (B) TYPE: nucleic acid  
195                   (C) STRANDEDNESS: single  
196                   (D) TOPOLOGY: linear  
197  
198                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
199  
200         TGAATTCGAG CTCCTCTCCT TCCCTCTCCT CCCTCTCCCC TCTCCCTC           48  
201  
202  
203         (2) INFORMATION FOR SEQ ID NO:13:  
204  
205                 (i) SEQUENCE CHARACTERISTICS:

PAGE: 5

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/872,446**

DATE: 07/31/98  
TIME: 11:46:32

***INPUT SET: S3292.raw***

206                   (A) LENGTH: 7 base pairs  
207                   (B) TYPE: nucleic acid  
208                   (C) STRANDEDNESS: single  
209                   (D) TOPOLOGY: linear  
210  
211                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:  
212  
213                 GCAGCTC

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/08/872,446**

DATE: 07/31/98  
TIME: 11:46:33

***INPUT SET: S3292.raw***

Line

Error

Original Text